Demand Side Worksheet

EGR Name: EGR3

Occupation Name: CNC-MIMM

Occupation SOC: hybrid of 51-4011, 51-4041, 49-9043

Estimated Job vacancies, end of 2005

,	
Lower estimate	100
Middle estimate	200
Upper estimate	300

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	150	150	150	150	150	150	150
RUBBER & PLASTICS MANF (326)	23	23	23	23	23	23	23
PRI METAL MANF (331)	19	19	19	19	19	19	19
FAB METAL MANF (332)	47	47	47	47	47	47	47
MACHINERY MANF (333)	29	29	29	29	29	29	29
TRANS EQUIP MANF (336)	33	33	33	33	33	33	33
B. Middle projection:							
Total, all industries in EGR	212	212	212	212	212	212	212
RUBBER & PLASTICS MANF (326)	32	32	32	32	32	32	32
PRI METAL MANF (331)	27	27	27	27	27	27	27
FAB METAL MANF (332)	66	66	66	66	66	66	66
MACHINERY MANF (333)	40	40	40	40	40	40	40
TRANS EQUIP MANF (336)	46	46	46	46	46	46	46
C. Upper projection:							
Total, all industries in EGR	212	212	220	230	230	250	250
RUBBER & PLASTICS MANF (326)	32	32	33	35	35	38	38
PRI METAL MANF (331)	27	27	28	29	29	32	32
FAB METAL MANF (332)	66	66	69	72	72	78	78
MACHINERY MANF (333)	40	40	42	44	44	48	48
TRANS EQUIP MANF (336)	46	46	48	50	50	54	54

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

- A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.
- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

	Supply Si	de Workst	neet #1 ("Pi	oduction"	1		
EGR Name:		de Worksi	1001#1 (1 1	oduction	,		
Occupation Name:							
	hybrid of 51-4011, 5°	1-4041, 49-9043	3, 49-9041, 49-9	042			
		·		· -			
Projected "production" of new Year	2006	2007	2008	2009	2010	2011	2012
				2009	2010	2011	2012
a. Graduates/completers of education		T T	-			_	
IVY TECH NE-ASSC DEGREE	20	25	30	30	30	30	30
*ANTHIS CAREER CENTER	10	10	10	10	10	10	10
VANTAGE VOCATIONAL (VanV	5	5	5	5	5	5	5
*FREEDOM ACADEMY (Noble Cou	0	15	20	24	30	30	30
b. Other sources of entrants (other th	an in-migration)						
IVY TECH MUNCIE (Marion)	12	12	12	12	12	12	12
*IVY TECH NE-cert (JOBWORK	36	36	36	36	36	36	36
*in house training to accompnay A	NTHIS, FREEDOM,	and cert progr	ams				
c. Total new supply	83	103	113	117	123	123	123
	Supply S	ide Works	heet #2 ("N	(ligration	_		
EGR Name:	EGR3						
Occupation Name: (CNC-MIMM						
Occupation SOC:	hybrid of 51-4011, 5	1-4041, 49-9043	3, 49-9041, 49-9	042			

	Supply S	side works	neet #2 (1	wigration)			
EGR Name:	EGR3						
Occupation Name:	CNC-MIMM						
Occupation SOC:	hybrid of 51-4011, 5	1-4041, 49-904	3, 49-9041, 49-9	9042			
Year	2006	2007	2008	2009	2010	2011	2012
****MIGRATION IS CALCULATED ON	ILY ON A NET BASI	S					
1. Projected IN-migration of w	orkers in this o	cupation to	this EGR, by	y year			
a. From outside this EGR							
b. From other occupations							
2. Projected OUT-migration of	f workers in this	occupation	to this EGR,	by year			
a. To places outside this EGR	26	26	24	22	20	18	16
b. Into other occupations							
3. Net IN-Migration	-26	-26	-24	-22	-20	-18	-16

Wor	Worksheet for Calculating Shortages or Surpluses of One Occupation											
EGR Name:		Julating Onlore	ayes or ou	ii piuses o	One occ	аранон						
Occupation Name:												
	hybrid of 51-4011, 51	I-4041, 49-9043, 49-	9041, 49-9042									
A. Lower projection:												
Total, all industries in EGR												
Year	2005	2006	2007	2008	2009	2010	2011	2012				
Carryover from last year (+/-)		100	193	266	327	382	429	474				
New demand during year		150	150	150	150	150	150	150				
New production during year		83	103	113	117	123	123	123				
Net migration during year		-26	-26	-24	-22	-20	-18	-16				
Net change during year		93	73	61	55	47	45	43				
Carryover to next year (+/-)	100	193	266	327	382	429	474	517				
B. Middle projection:	_											
Total, all industries in EGR												
Year	2005	2006	2007	2008	2009	2010	2011	2012				
i c ai	2003	2000					_0					
Carryover from last year (+/-)	2003	200	355	490	613	730	839	946				
	2003			490 212				946 212				
Carryover from last year (+/-)	2003	200	355		613	730	839					
Carryover from last year (+/-) New demand during year	2003	200 212	355 212	212	613 212	730 212	839 212	212				
Carryover from last year (+/-) New demand during year New production during year	2003	200 212 83	355 212 103	212 113	613 212 117	730 212 123	839 212 123	212 123				
Carryover from last year (+/-) New demand during year New production during year Net migration during year	200	200 212 83 -26	355 212 103 -26	212 113 -24	613 212 117 -22	730 212 123 -20	839 212 123 -18	212 123 -16				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year		200 212 83 -26 155	355 212 103 -26 135	212 113 -24 123	613 212 117 -22 117	730 212 123 -20 109	839 212 123 -18 107	212 123 -16 105				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-)		200 212 83 -26 155	355 212 103 -26 135	212 113 -24 123	613 212 117 -22 117	730 212 123 -20 109	839 212 123 -18 107	212 123 -16 105				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection:		200 212 83 -26 155	355 212 103 -26 135	212 113 -24 123	613 212 117 -22 117	730 212 123 -20 109	839 212 123 -18 107	212 123 -16 105				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR	200	200 212 83 -26 155 355	355 212 103 -26 135 490	212 113 -24 123 613	613 212 117 -22 117 730	730 212 123 -20 109 839	839 212 123 -18 107 946	212 123 -16 105 1051				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year	200	200 212 83 -26 155 355	355 212 103 -26 135 490	212 113 -24 123 613	613 212 117 -22 117 730	730 212 123 -20 109 839	839 212 123 -18 107 946	212 123 -16 105 1051 2012 1,128 250				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-)	200	200 212 83 -26 155 355 2006 2006	355 212 103 -26 135 490 2007	212 113 -24 123 613 2008	613 212 117 -22 117 730 2009	730 212 123 -20 109 839	839 212 123 -18 107 946 2011	212 123 -16 105 1051 2012 1,128				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year	200	200 212 83 -26 155 355 2006	355 212 103 -26 135 490 2007 455 212	212 113 -24 123 613 2008 590 220	613 212 117 -22 117 730 2009 721 230	730 212 123 -20 109 839 2010 856 230	839 212 123 -18 107 946 2011 983 250	212 123 -16 105 1051 2012 1,128 250				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year	200	200 212 83 -26 155 355 2006 2006	212 103 -26 135 490 2007 455 212 103	212 113 -24 123 613 2008 590 220 113	613 212 117 -22 117 730 2009 721 230 117	730 212 123 -20 109 839 2010 856 230 123	839 212 123 -18 107 946 2011 983 250 123	212 123 -16 105 1051 2012 1,128 250 123				
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year Net migration during year	200	200 212 83 -26 155 355 2006 2006 300 212 83 -26	355 212 103 -26 135 490 2007 455 212 103 -26	212 113 -24 123 613 2008 590 220 113 -24	613 212 117 -22 117 730 2009 721 230 117 -22	730 212 123 -20 109 839 2010 856 230 123 -20	839 212 123 -18 107 946 2011 983 250 123 -18	212 123 -16 105 1051 2012 1,128 250 123 -16				

(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.

⁽²⁾ This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.

B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.

C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

	Demand Side Worksheet										
EGR Name:	EGR 3										
	Computer Systems Analysts										
Occupation SOC:	15-1051										
1. Estimated Job vacancies,	end of 2005										
Lower estimate	43										
Middle estimate	47										
Upper estimate	64										
2. Projected number of job of	penings annually due to	growth and net replaceme	ents:								
Year	2006	2007	2008	2009	2010	2011	2012				
A. Lower projection:											
Total, all industries in EGR	26	26	28	28	30	32	36				
Merchant Wholesalers, Durable	7	7	8	8	8	8	10				
Insurance Carriers	3	3	3	3	3	3	3				
Hospitals	3	3	3	3	3	3	4				
Computer & Electronic Mfg.	3	3	3	3	3	3	4				
B. Middle projection:											
Total, all industries in EGR	48	50	50	50	52	52	55				
Merchant Wholesalers, Durable	13	14	14	14	14	14	15				
Insurance Carriers	5	5	5	5	6	6	6				
Hospitals	5	5	5	5	5	6	6				
Computer & Electronic Mfg.	5	5	5	5	5	6	6				
C. Upper projection:											
Total, all industries in EGR	55	57	59	61	63	65	65				
Merchant Wholesalers, Durable	15	15	16	16	17	18	18				
Insurance Carriers	6	6	6	7	7	7	7				
Hospitals	6	6	6	6	7	7	7				
Computer & Electronic Mfg.	6	5	5	5	5	6	6				

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

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C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Notes:

Supply	Supply Side Worksheet #1 ("Production")									
EGR Name: EGR 3										
Occupation Name: Computer Systems Analysts										
Occupation SOC: 15-1051										
Projected "production" of new	entrants i	into this	occupatio	on, by yea	ar					
Year	2006	2007	2008	2009	2010	2011	2012			
a. Graduates/completers of education	and trainir	ng progran	ns in this E	GR:						
Huntington University	2	2	2	2	2	2	2			
IN Institute of Technology	14	14	14	14	14	14	14			
IPFW	7	7	8	8	8	8	8			
Tri-State	2	2	2	2	2	2	2			
Taylor	11	11	11	11	11	11	11			
BSU/IU/Purdue	8	8	8	8	8	8	8			
b. Other sources of entrants (other th	an in-migra	ition)								
Associate Degrees	5	5	5	5	5	5	5			
Masters Degrees	2	2	2	2	2	2	2			
In-House Training	5	5	5	5	5	5	5			
c. Total new supply	56	56	57	57	57	57	57			

Supply	/ Side W	orkshe	et #2 ("N	/ligratio	n")				
EGR Name:	EGR 3								
Occupation Name:		Systems A	nalysts						
Occupation SOC: 15-1051									
Year	2006	2007	2008	2009	2010	2011	2012		
1. Projected IN-migration of workers in this occupation to this EGR, by year									
a. From outside this EGR									
b. From other occupations									
2. Projected OUT-migration of	workers i	in this oc	cupation	to this E	GR, by ye	ear			
a. To places outside this EGR	10	10	7	6	0	0	0		
b. Into other occupations									
	_	_	_		_				
3. Net IN-Migration	-10	-10	-7	-6	0	0	0		

		Workshe	et for Calculating S	hortages or Surplus	ses of One Occupat	ion		
EGR Name:								
	: Cmputer Systems Analysts	5						
Occupation SOC:	: 15-1051							
A. Lower projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		43	23	3	-19	-42	-69	-94
New demand during year		26	26	28	28	30	32	36
New production during year		56	56	57	57	57	57	57
Net migration during year		-10	-10	-7	-6	0	0	0
Net change during year		-20	-20	-22	-23	-27	-25	-21
Carryover to next year (+/-)	43	23	3	-19	-42	-69	-94	-115
B. Middle projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		47	49	53	53	52	47	42
New demand during year		48	50	50	50	52	52	55
New production during year		56	56	57	57	57	57	57
Net migration during year		-10	-10	-7	-6	0	0	0
Net change during year		2	4	0	-1	-5	-5	-2
Carryover to next year (+/-)	47	49	53	53	52	47	42	40
					<u> </u>			
C. Upper projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		64	73	84	93	103	109	117
New demand during year		55	57	59	61	63	65	65
	-	56	56	57	57	57	57	57
		100						7.
New production during year	-	-10	-10	-7	-6	0	0	0
New production during year Net migration during year	-				-6 10	<u> </u>	0 8	0 8
New production during year Net migration during year Net change during year	64	-10	-10	-7		0 6 109	0 8 117	0 8 125
New production during year Net migration during year	64	-10 9	-10 11	-7 9	10	0 6 109	0 8 117	0 8 125

(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.

(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

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C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Demand Side Worksheet											
EGR Name: EGR	13										
Occupation Name: Indu											
Occupation SOC: 17-2	112										
1. Estimated Job vacancies, er	nd of 2005										
Lower estimate	75										
Middle estimate	110										
Upper estimate	185										
2. Projected number of job ope	enings annually due to growth a	and net replacements:									
Year	2006	2007	2008	2009	2010	2011	2012				
A. Lower projection:											
Total, all industries in EGR	14	14	14	14	14	14	14				
Trans. Equipment Manf	5	5	5	5	5	5	5				
Computer and Electronic Pro.	1	1	1	0	0	0	(
Plastics & Rubber Products	2	2	2	3	4	4	4				
B. Middle projection:											
Total, all industries in EGR	28	30	30	31	33	33	35				
Trans. Equipment Manf	10	11	11	11	12	12	12				
Computer and Electronic Pro.	3	3	3	2	2	1	1				
Plastics & Rubber Products	3	3	3	4	4	4	4				
C. Upper projection:											
Total, all industries in EGR	38	40	42	42	44	44	44				
Trans. Equipment Manf	14	15	16	16	16	16	16				
Computer and Electronic Pro.	4	4	4	3	3	3	3				
Plastics & Rubber Products	3	3	3	4	5	5					
				otes:							
	f estimates and projections in recogni			he meanings of the words "Lower,"	"Middle," and "Upper" are as follows		<u> </u>				
A. "Lower" means that your EGR thir	nks the probablity is no more than 25%	% that the true value lies below it	t.								
	nks the probability is about equal that										
C. "Upper" means that your EGR thir	nks the probablity is no more than 25°	% that the true value lies above i	it.								

Supply Side Worksheet #1 ("Production")										
EGR Name: EGR 3										
Occupation Name: Industrial Engineers										
Occupation SOC:	17-2112									
Projected "production" of new	entrants	into this	occupati	on, by ye	ar					
Year	2006	2007	2008	2009	2010	2011	2012			
						_				
a. Graduates/completers of education	n and traini	<mark>ng progra</mark> r	ns in this E	GR:						
Purdue University - W. Laf.	25	25	25	25	26	26	26			
Indiana Institute of Tech.	14	14	14	14	14	14	14			
All other grad. & undergrad	75	75	75	75	75	75	75			
engineering programs in IN										
b. Other sources of entrants (other th	nan in-migra	ation)								
non-Indiana schools	5	5	5	5	5	5	5			
Source #2										
etc. (add as necessary)										
c. Total new supply	119	119	119	119	120	120	120			

Supply Side Worksheet #2 ("Migration")										
EGR Name:	EGR 3									
Occupation Name:		ngineers								
Occupation SOC: 17-2112										
Year	2006	2007	2008	2009	2010	2011	2012			
1. Projected IN-migration of workers in this occupation to this EGR, by year										
a. From outside this EGR										
b. From other occupations										
2. Projected OUT-migration of	workers	in this oc	cupation	to this E	GR, by y	ear				
a. To places outside this EGR	40	40	40	50	60	75	80			
b. Into other occupations										
3. Net IN-Migration	-40	-40	-40	-50	-60	-75	-80			

EGR Name:	EGR 3							
	Industrial Engineers							
Occupation SOC:	17-2112							
A. Lower projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		0	0	0	0	0	0	0
New demand during year	1	0	0	0	0	0	0	0
New production during year		0	0	0	0	0	0	0
Net migration during year		0	0	0	0	0	0	0
Net change during year		0	0	0	0	0	0	0
Carryover to next year (+/-)	0	0	0	0	0	0	0	0
B. Middle projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		75	75	75	75	75	75	75
New demand during year		0	0	0	0	0	0	0
New production during year		0	0	0	0	0	0	0
Net migration during year		0	0	0	0	0	0	0
Net change during year		0	0	0	0	0	0	0
Carryover to next year (+/-)	75	75	75	75	75	75	75	75
				<u> </u>				
C. Upper projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		110	110	110	110	110	110	110
New demand during year		0	0	0	0	0	0	0
New production during year		0	0	0	0	0	0	0
Net migration during year		0	0	0	0	0	0	0
Net change during year		0	0	0	0	0	0	0
Carryover to next year (+/-)	110	110	110	110	110	110	110	110
				Notes:				

- (1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.

 (2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

 A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.

 B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.

 C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Demand Side Worksheet

EGR Name: EGR3
Occupation Name: REGISTERED NURSES

Occupation SOC: 29-1111

Estimated Job vacancies, end of 2005 Lower estimate Middle estimate Upper estimate

2. Projected number of job openings annually due to growth and net replacements:											
Year	2006	2007	2008	2009	2010	2011	2012				
A. Lower projection:											
Total, all industries in EGR	163	164	164	164	165	166	166				
Ambulatory Health Care	33	34	34	34	34	34	34				
Hospitals	94	94	94	94	95	95	95				
Nursing and Residential Care Facilities	17	17	17	17	17	17	18				
Remainder (Gov, Educ, Ins,)	19	19	19	19	19	19	19				
B. Middle projection:											
Total, all industries in EGR	386	391	397	403	409	415	421				
Ambulatory Health Care	82	84	85	87	88	90	91				
Hospitals	219	221	224	227	230	233	236				
Nursing and Residential Care Facilities	40	41	41	42	43	44	44				
Remainder (Gov, Educ, Ins,)	45	45	46	47	48	49	49				
C. Upper projection:											
Total, all industries in EGR	487	499	511	524	536	550	563				
Ambulatory Health Care	108	112	115	118	122	125	129				
Hospitals	275	281	287	294	300	307	313				
Nursing and Residential Care Facilities	47	49	50	51	53	54	55				
Remainder (Gov, Educ, Ins,)	56	57	58	61	61	65	65				

Notes: See worksheet "RN proj.xls for assumptions

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows: A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.

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C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Supply Side Worksheet #1 ("Production")										
EGR Name: EGR3										
Occupation Name: REGISTERED NURSES										
Occupation SOC: 29-1111										
Projected "production" of new entrants into this occupation, by year										
Year	2006	2007	2008	2009	2010	2011	2012			
		•	•	•	•					
a. Graduates/completers of education and	training pro	grams in t	his EGR:							
IPFW (AS & BS)	130	130	130	130	130	130	130			
USF (AS & BS)	90	90	90	90	90	90	90			
IVY TECH NE	61	61	61	61	61	61	61			
INDIANA WESLEYAN-MARION-BS	48	40	48	56	56	56	56			
Huntington College-new program	0	25	30	30	35	35	35			
IVY TECH (Marion) A.S. Nursing	20	20	20	20	20	20	20			
Ball State, PurdueWL , Indiana State										
c. Total new supply	349	366	379	387	392	392	392			

Supply Side Worksheet #2 ("Migration")										
EGR Name: EGR3										
Occupation Name: REGISTERED NURSES *****HAV E NO REASON TO DEAL WITH OTHE										
Occupation SOC: 29111104130										
Year	2006	2007	2008	2009	2010	2011	2012			
1. Projected IN-migration of workers in this occupation to this EGR, by year										
a. From outside this EGR	projected o	ut migration	n is based o	n total migr	ation calcul	ations				
b. From other occupations										
2. Projected OUT-migration of world	kers in thi	is occupa	ation to t	his EGR,	by year					
a. To places outside this EGR	11	11	13	13	13	19	19			
b. Into other occupations										
3. Net IN-Migration	-11	-11	-13	-13	-13	-19	-19			

grad rates and RN licences pass rates listed in RN PRO.

		Worksh	eet for Calculating Sho	ortages or Surpluses	of One Occupation			
EGR Name: I	EGR 3			•	·			
Occupation Name: I	REGISTERED NURSES							
Occupation SOC: 2	29-1111							
A. Lower projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		160	-15	-206	-408	-618	-832	-103
New demand during year		163	164	164	164	165	166	16
New production during year	_	349	366	379	387	392	392	39
Net migration during year	_	-11	-11	-13	-13	-13	-19	-1
Net change during year		-175	-191	-202	-210	-214	-207	-20
Carryover to next year (+/-)	160	-15	-206	-408	-618	-832	-1039	-124
B. Middle projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		220	268	304	335	364	394	43
New demand during year	_	386	391	397	403	409	415	42
New production during year	_	349	366	379	387	392	392	39
Net migration during year	_	-11	-11	-13	-13	-13	-19	-1
Net change during year		48	36	31	29	30	42	4
Carryover to next year (+/-)	220	268	304	335	364	394	436	48
C. Upper projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		260	409	553	698	848	1005	118
New demand during year		487	499	511	524	536	550	56
New production during year		349	366	379	387	392	392	39
Net migration during year		-11	-11	-13	-13	-13	-19	-1
Net change during year		149	144	145	150	157	177	19
Carryover to next year (+/-)	260	409	553	698	848	1005	1182	137
	_	_	_	Notes:			<u> </u>	
1) A positive (+) carryover	indicates a "shortage" of	f workers in this occupat	ion. A negative (-) carryove	or indicates the onnosit	Δ			

⁽¹⁾ A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.
(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies either below it.

B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it.

C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.